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27/21
JULY 30, 1890.



Issued Every Week.

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Single copy 5 cents.

Farmer

AND

NEW FARM.

OUR 27TH YEAR.

When every family own their home, the prosperity of the Country is assured.



WALWORTH & CO.,
BALTIMORE, MD.

Every Toilet Table

Should have a bottle of Ayer's Hair Vigor, the best preparation ever made for dressing the hair, restoring its color when faded or gray, preventing baldness, and keeping the scalp cool, healthy, and free from dandruff.

"I have used Ayer's Hair Vigor for some time and it has worked wonders for me. I was troubled with dandruff and was rapidly becoming bald; but since using the Vigor my head is perfectly clear of dandruff, the hair has ceased coming out, and I now have a good growth, of the same color as when I was a young woman. I can recommend any one suffering from dandruff or loss of hair to use Ayer's Hair Vigor."—
Mrs. Lydia O. Moody, East Pittston, Me.

"Several months ago my hair commenced falling out, and in a few weeks my head was almost entirely bare. I tried many remedies but they did me no good. I was finally induced to buy a bottle of Ayer's Hair Vigor, and, after using only a part of the liquid, my head was covered with a heavy growth of hair. I recommend your preparation as the best hair restorer in the world. It can't be beat."—Thomas N. Munday, Sharon, Ohio, Ky.

Ayer's Hair Vigor,

Prepared by DR. J. C. AYER & CO., Lowell, Mass. Sold by all Druggists and Perfumers.

For the Cure

Of colds, coughs, and all derangements of the respiratory organs, no other medicine is so reliable as Ayer's Cherry Pectoral. It relieves sufferers from consumption, even in advanced stages of that disease, and has saved innumerable lives.

Ayer's Cherry Pectoral,

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Sold by Druggists. Price \$1. Six bottles, \$5.

The Confidence

That people have in Ayer's Sarsaparilla as a blood medicine is the natural result of many years' experience. It has been handed down from parent to child, as a favorite family medicine, perfectly reliable in all serofulous disorders.

Ayer's Sarsaparilla,

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Price \$1; six bottles, \$5. Worth \$5 a bottle.

Many Rise

In the morning with headache and without appetite—symptoms of torpidity of the liver and a deranged condition of the stomach. To restore healthy action to these organs, nothing else is so efficacious as an occasional dose of

Ayer's Pills,

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Sold by Druggists and Dealers in Medicines.

BINGHAM

BEE SMOKERS,

PRICE \$1 60

YOU CAN HAVE THEM NOW AT \$1.00 EACH
FREE OF POSTAGE.

MARYLAND FARMER,

BALTIMORE, MD.



Agriculture, Horticulture, Live Stock and Rural Economy,

THE OLDEST AGRICULTURAL JOURNAL IN MARYLAND, AND FOR TEN YEARS THE ONLY ONE.

AND NEW FARM.

Vol. XXVII.

BALTIMORE, July 30, 1890.

No. 31.

VACATION.

I've been having a little vacation, wife,
And 'twas better than I can tell:
Up at the farm, with the old home life
Ere we came to the city to dwell.

And just as I left it everything there
Father and mother and all, [fair
The hills were as green, and the skies were as
And the trees were just as tall.

And father was getting in hay, you know,
And he wanted me to load,
'Twas the clover and herds grass, so heavy,
that grow
In the meadow across the road.

And those fractious old oxen were just the
same,
Sharp-horned, with the brass button tips,
I helped fasten them on, the day they came,
'Twas the year of the great eclipse.

When the long, long beautiful day was o'er
And the lowing cows came home,
My mother stood there at the open door
And she called to the children to come.

For supper was ready, so one and all
We tumbled and laughed with glee,
In our haste to answer the welcome call,
—“Why wife—what's the matter with me?”

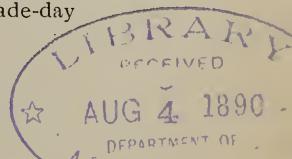
And the old wife bowed o'er the old man's
head
And smoothed down his scant, gray hair,
And her kiss and tear were one, as she said,
“You've been having a nap in your chair.”

A RECIPE.

Take a little dash of water cold,
And a little leaven of prayer,
And a little bit of morning gold,
Dissolve in the morning air.

Add to your meal some merriment,
And a thought for kith and kin,
And then, as your prime ingredient,
A plenty of work thrown in.

But spice it all with the essence of love,
And a little whiff of play,
Let a wise old book and a glance above
Complete the well made-day.



For the Maryland Farmer.

OUR NEW FARM, VI.

THE FIRST DAY.

The getting of breakfast was a very informal affair. We were all tired; but we were all in grand spirits. We didn't care about little things. We unpacked just enough to get dishes to hold our food—made a solid wood fire in our kitchen stove, and soon had some coffee, bread and butter, ham and eggs and fried potatoes on the table. And by the way, the eggs came from our poultry.

This meal was over, my wife said:

"Now for the work. Lizzie, this is what I want done first of all. You have the floors all clean and nice, so we can put down the carpets. We will commence with the large bedroom first, which is mine; then with the small front one, which is daughter's; then we will take the dining room and kitchen, then the parlor and last the spare bed room—the room over the kitchen must be a sort of store room for household goods, trunks and such like."

Lizzie said. "Yes ma'am" and we all started for the large bed room which was over the parlor. We went to work with a will. We took the furniture out of the room, all but the bedstead and bureau, and spread down the carpet. The room was 15 x 23 on the floor, with two windows in the gable end. The attic was a high one about three feet from floor to eaves, the sloping walls did not give us much trouble.

Then came the stretching of carpet, the pounding of tacks, the turning under of extra carpeting and by ten o'clock that room was all right, except the pictures. My girl's bedroom was done up before dinner; for both my wife and my girl worked with a will and Lizzie we found to be a good hand at such things.

Meanwhile Charley with my help had attempted the dining room. We had

barely begun to pound the tacks, when my wife looked in and exclaimed:

"Oh, father, you have that carpet wrong. Everybody coming into the room will see the figure upside down, and that won't do at all!"

There was no room to argue, for we saw our mistake at once. We were glad we had got no further. So we gathered the carpet up and turned it end for end and went to work again with hearty good will, and when Lizzie came down to see about dinner the room was ready.

We had also unpacked some more of the crockery and put it in the pantry, and although not in order, it could be found, and our table had a more respectable appearance than in the morning. Still, we were without a spread and napkins were wanting. The butcher, however, had passed the house and we had secured some fresh meat, and our work had given us a hearty appetite, and we did justice to the food, that's certain.

In the midst of our meal who should come in but Mrs. Burns, with a great dish of chicken pot-pie which she put upon the table for our acceptance. It was so unexpected that none of us knew what to say at first; but my wife managed to express our thanks very heartily and we all felt very much gratified by the attention. Of course we pressed her to stop and take some of our dinner, but that was not possible, she said.

After she had gone, my wife said:

"Now, I call that kind and thoughtful. She naturally supposed we would not have much for dinner, and so prepared this for us."

And my daughter said:

"It looks good. I feel as if I could enjoy some of that crust. Suppose we try it."

As for me, I said.

"Wife, it looks as if we were going to

have good neighbors; as if we had come among people who will show us all the kindness we may deserve."

Then I mentioned about their meeting us at the station, and the spirit in which they had worked yesterday and numerous little things were called to mind and thus we spent the time of the meal, in pleasant talk and pleasant thoughts.

After dinner we continued the work laid out in the morning, and we got the carpets all down, and a great deal of the house in passable order; although it was a long time before all the little things found their right places; the curtains fitted to the windows; the pictures properly hung; the furniture in satisfactory positions; and all things in the most convenient places to lighten work.

In the afternoon Josie Camden came over to see if she could help my girl and they spent most of their time in putting the parlor carpet down, and in "girl gabble" and laughing, with an occasional dash of music on the piano; although Josie could not play much and there was no time to spare just then to hunt up music. They accomplished right smart of work during the afternoon and got right well acquainted, which last was fully as much to be desired as was the work. No doubt the foundation was laid then for that girl intimacy and friendship which has continued way up to the present.

In the midst of tacking down the carpet, what should they do, but both scamper down into the orchard to the spring, and then away over to Josie's; but half an hour afterward their laugh could be heard in the parlor again, adding music to the sharp blows of the tack-hammer.

My wife, meanwhile, was superintending the putting down of the kitchen oil cloth, which we found had to be patched here and there and everywhere, for this kitchen was much larger than our city

kitchen. Besides we had to use two or three kinds of oil-cloth; and altogether it required considerable management to get it all down right. By supper time, however, the kitchen looked quite like living and Lizzie thought it was just grand.

Josie and my girl came in and in spite of their being tired, caught each other around the waist and waltzed around the room, to their own singing. Young people will be young people, and why shouldnt they be. It did us all good to see this hilarity and we showed it, by our smiles and our cheerful words.

Josie staid to tea with us, and we determined to do nothing more that day about righting up. We took some chairs out on the piazza in front of the house. It was somewhat cool; but being bright moonlight and everything comparatively strange to us, we spent a pleasant hour or so there. Then Mr. Camden and his wife came over, and the women folks went into the house and lighted the parlor a little, while we men sat and talked about various things.

Charley and Lizzie went away home, with a promise of coming again to-morrow—Charley to work with me and Lizzie to do the washing, for we had a good many soiled clothes in consequence of our moving, and also in consequence of the extra work—work we had not been used to do, and so more likely to leave its mark on our clothes.

In my talk with Mr. Camden, I tried to find out what I would have to do first in reference to cultivating my land; but I found him likely to give me nothing more than general directions. I concluded from this that my land was not rich enough to grow any crop to advantage and that what Mr. Janney had said was pretty near the truth: Poor now; but only waiting to be made rich enough for any crop.

In good time our visitors departed and we prepared for our second night in our new home on our new farm.

My wife said :

"I like the country in the day time; but oh, isn't it lonely when night comes! While the sun shines it is all delightful; but when the shadows begin to gather, then the sense of solemnity is dreadful."

But I said :

"There is nothing in the daytime and nothing in the night time in the country that gives me any feelings other than pleasure."

Then my wife said :

"When the wind blows in the trees in the night, it is one of the most mournful sounds I have ever heard. It brings all manner of unhappy imaginations to me."

As for me, I said :

"Oh, I love to hear the wind in the trees, night or day. It is the sweetest of music. No harp ever invented by man can equal this grand harp of the great inventor of all music and harmony."

Then my wife laughed at my enthusiasm, and said :

"Why, father, that's the way you used to talk years ago, before we were married."

And I answered :

"Well, this getting into the country is already renewing my youth. Give me a kiss and let's go into the house."

So ended this first full day spent on our farm. It was the beginning of many happy days, for which we cannot be too thankful.

(To be continued next week.)

Read the advertisement of Prof. Smith of Lexington, Ky., whose College received the Gold Medal at the World's Exposition for business education.

AT THE BREAKFAST TABLE.

Don't come down into the breakfast room of a morning with a thunder-cloud over your pitiful phiz. What are you mad at? Have you a note to pay in bank and not a dime to meet it? Have you the headache? Did the baby wake you from a sound sleep? Has the newsman failed to leave you the morning paper; or has a bill been presented at your door, bright and early, which you know very well ought to have been paid long ago to the patient baker, the needy dressmaker, or the begrimed mechanic? May be you have cut your face while shaving, or stumped your toe against the cat, or broke your watch-spring in winding it up. May be you are ruffled because you have suddenly remembered that you failed to meet a business engagement yesterday; or took a short turn on a friend, or cheated somebody, and that it is about to be found out, otherwise you would not have cared the snap of your finger about it. Perhaps as you entered the door and scanned the breakfast table you missed some favorite dish.

But, does one or all these occurrences justify you in clouding the whole household, in hurting the feelings of your children, in discouraging the servants and outraging the guests at your table?

If, when you come to the breakfast room, you are sad from discouragement, from fatigue, from illness, or from losses, you are excusable, and you have our sympathy; but to meet the family with a frown, and cast a gloom over the whole household, simply because everything has not gone exactly according to your sovereign pleasure—you, a poor pitiful worm of the hour; why, it is so supremely ridiculous that anything else than contempt for it is simply impossible.—*Dr. Hall.*

WHY WOMAN IS MAN'S BEST
FRIEND.

First and foremost, woman is man's best friend :

Because she is his mother.

Second, because she is his wife.

Because she is patient with him in illness, endures his fretfulness and "mothers" him.

Because she will stick to him through good and evil report, and always believe in him if she loves him.

Because without her he would be rude, rough and ungodly.

Because she teaches him the value of gentle words, of kindly thought and of consideration.

Because she can with him endure pain quietly and meet joy gladly.

Because, on her breast, he can shed tears of repentance, and he is never reminded of them afterwards.

Because when he is behaving like a fretful boy—and we all do, you know, at times—with no reason in the world for it, woman's soft word, touch or glance will make him ashamed of himself as he ought to be.

Because without her as an incentive he would grow lazy; there would be no good work done, there would be no noble books written, there would be no beautiful pictures painted, there would be no divine strains of melody.

For the Maryland Farmer.

THE GYPSY MOTH.

This insect promises to become one of the greatest tree-pests ever introduced into our country. It does not however confine its depredations to trees; but will attack all vines and growing crops. The Massachusetts legislature has appropriated \$50,-

000 to exterminate it. Last year it occupied a space one mile wide by three miles long. This year the space is four miles wide and fifteen miles long. Its spread is rapid. Every farmer should co-operate with Massachusetts to secure its extermination.

The moth is yellowish brown, the female almost a cream color, having two dark brown lines crossing the fore-wings, with dark spots. The size is from one and a half to two and a half inches when wings are open. The eggs are about one eighteenth of an inch in diameter, salmon colored, placed in bunches on the under side of branches, under rails, in fact wherever they can be safe from the weather—four or five hundred in a bunch. The eggs are laid in July and hatch the following spring.

Let every moth miller having affinity to the above description be caught and destroyed, if it be possible; for although the Massachusetts agents are doing their very best many of the moths will escape and their work is destruction to all trees, ornamental or fruit, as well as to vines and corn.

A CHANCE TO MAKE MONEY.

Having read Mr. Moorehead's experience plating with gold, silver and nickel, I sent for a plater and have more work than I can do. It is surprising the spoons, castors and jewelry, that people want plated. The first week I cleared \$37.10, and in three weeks \$119.85, and my wife has made about as I have. By addressing W. H. Griffith & Co., Zanesville, Ohio, you can get circulars. A Plater only costs \$3.00 You can learn to use it in an hour. Can plate large or small articles, and can make money anywhere.

 **FOR THE BLOOD,**
Weakness, Malaria, Indigestion and
Billiousness, take
BROWN'S IRON BITTERS.
It cures quickly. For sale by all dealers in
medicine. Get the genuine.

Entered as second class matter at Baltimore, Md.

THE
MARYLAND FARMER
 AND
 NEW FARM.

Agriculture, Live Stock and Home Life.

Oldest Agricultural Journal in Maryland and
 for ten years the only one.

27 E. PRATT STREET,
 BALTIMORE, MD.

WALWORTH & Co., Editors and Publishers.

TERMS OF SUBSCRIPTION

\$1.00 a year in advance.
 1.50 if not paid until the end of the year.

RATES OF ADVERTISING.

\$1.00 an inch, 12 lines nonpareil, each insertion.
 Discounts, 10 off for 3 mos., 15 for 6, 20 for 9, 25 for 12
 Advertisements to be inserted once a month
 are subject to the same discount.

Covers, p. 2 add 30, 3 add 25, 4 add 50.
 Special location, on any page, 20 per cent extra.

No reading notices free.

Reading notices twice the price of advertisements.

ISSUED EVERY WEEK.

COLLEGE APPROPRIATIONS.

Must be for Agriculture, not Classics.

We enter an earnest protest against passing any bill giving funds for general literary education to Agricultural Colleges. Already, where agriculture is joined with the ordinary College Course, the latter simply overwhelms the students of Agriculture, and the graduates fail to become practical farmers. It should be clearly specified in the bill what the gift is intended to promote, and then the \$15,000 or more will become a blessing. If the Colleges receiving it are permitted to divert this fund into the ordinary channels of classical education—Greek, Latin, etc.—

then better not give it; for it will become a curse instead of a blessing to the farmer. Already influences to draw away our young men from the farm are strong enough, without bringing the government to strengthen those influences. The Agricultural College should be forced to teach the great fundamental facts; that life on the farm is the best life, the happiest life, the longest life, the most successful life in all the elements of true success, the most honorable life, that any man can secure. Perish every snobbish assumption of superiority which mere literary colleges so sedulously cultivate, and keep such despicable exhibitions forever away from our Agricultural Colleges.

THE TWO THINGS WANTED.

1. To buy things as low as possible.
2. To sell produce as high as possible.

As large receipts and as small an outlay as possible, are what the farmers need at present, more than ever before in the history of our country. The opposite of this in every respect, seems to be the trend of present legislators. They care nothing for the needs of farmers. They enable the other classes, manufacturers merchants, lawyers, to demand and take the very highest prices; and their entire legislation is to make everything produced by farmers a perfect drug on the market. They confine his market to the smallest possible quarters, and give other classes complete control of even these limited areas.

SET YOUR OWN PRICES.

We hope the day will come when the farmers, through some of the great organizations, such as the Farmers' Alliance or the Farmers' League, will be able to set

their own prices on their produce. Every other class of producers or manufacturers have this privilege, and it only requires a concerted movement on the part of the farmers and a determined resolve to stand by each other, to enable them to have it. If they cannot use any of the present organizations for that purpose then form one which will be broad enough to admit such action. We believe, however, that the Alliance should champion this reform and take measures to that end. It would create a revolution in markets and become a blessing to farmers everywhere.

THE DOLLAR.

We are told that farmers should not complain, for the dollar will purchase more now than it ever would in years gone by. Will it purchase more? The farmer gives twice as much produce for that dollar: but when he goes to purchase his mortgage will it buy him twice as much of that mortgage? or, must he pay just the same number of dollars as when the paper was drawn, although then the dollar would only buy half as much as now? Let us have dollars enough in circulation so that the farmer can get them for the old amount of labor, the old amount of produce, so that the farmer need not pay twice as much labor or twice as much produce as the mortgage originally called for.

NATIONAL PLANT REGISTRATION.

This is intended to secure to the originator of improved fruits or new varieties of plants the benefits arising from the labor and care of production, just as the patent

regulations or the letters copyright give the benefit to inventors and authors. It will be a welcome recognition of the right which the producer should enjoy in his plants and we heartily hope the agitation will be crowned with success. It will be a great incentive to those who are experimenting in this direction and will insure them a reasonable prospect of reward for their labor and time.

MARYLAND FAIRS.

When held, and address of Secretary.

Baltimore Co., Timonium,	Sept. 2—5.
H. C. Longnecker, Sec'y., Towson, Md.	
Cecil Co., Elkton,	Oct. 7—10.
John Partridge, Sec'y., Elkton, Md.	
Frederick Co., Frederick,	Oct. 14—17.
Geo. W. Cramer, Sec'y., Frederick, Md.	
Montgomery County	Sept. 3—5.
John E. Mancaster, Sec'y., Norbeck, Md.	
Talbot Co., Easton,	Sept. 23—26.
Washington Co. Hagerstown,	Oct. 14—17.
P. A. Witmer, Sec'y., Hagerstown, Md.	
Maryland State } combined with }	Bel Air, Sep. 30—Oct. 3.
Harford Co. } James W. McNabb, Sec'y., Bel Air Md.	
Williams' Grove, Pa.,	Aug. 25—31.
R. H. Thomas, General Manager, Mechanicsburg, Pa.	
Farmers' Encampment, } Mt. Gretna Park, Pa. }	Aug. 17—23.
Address—Ex. Com., Harrisburg, Pa.	

Daisy Garden Plow }
Daisy Cultivator }
Daisy Seed Sower } are now at our office.
We give them as premiums for subscribers.

LADIES

Needing a tonic, or children that want building up, should take

BROWN'S IRON BITTERS.

It is pleasant to take, cures Malaria, Indigestion, and Biliousness. All dealers keep it.

THE FARMERS ALLIANCE.

We are pleased to note that the Maryland Farmers Alliance is growing rapidly and accomplishing a good work for farmers within the State. It has already about 2000 members and the promise for a rapid increase. We hope that the good work will go on and prosper. Let the farmers who desire to aid in the great work of bringing our government to a realization of the actual needs of the Country use the Alliance for that purpose. Those who have an interest in its principles should address Dr. W. W. Warring, the State Lecturer, Nottingham, Md. Its next meeting will be held in Baltimore, Aug. 12.

THE
AMERICAN FARMERS' ENCAMPMENT
OF 1890.

MOUNT GRETNNA PARK,
LEBANON COUNTY, PA.

AUGUST 17 TO 23, Inclusive.

5,000 Acres of Woodland, Meadow and Lake.

Canvas tent accommodations for 12,000 farmers and their families. Pavilion for discussions, and Auditorium for amusements.

85,000 square feet of platform for exhibits and acres for machinery in motion.

In the park is the celebrated Mount Gretna Narrow Gauge Railroad, the most unique and wonderful railroad in actual operation in the world. To see it alone is worth a visit.

Opening sermon, August 17th, by Rev. T. DeWitt Talmage, D. D. Sacred music by 150 trained choristers.

Agriculturists from all parts of America invited.

Ample railroad facilities; low rates; quick transit. No charge for admission.

For particulars, address Executive Committee American Farmers' Encampment, Harrisburg, Penna.

Sewing Machine from New Home Manufactory at very low figures—Address Maryland Farmer.

Cream from Many Pans.

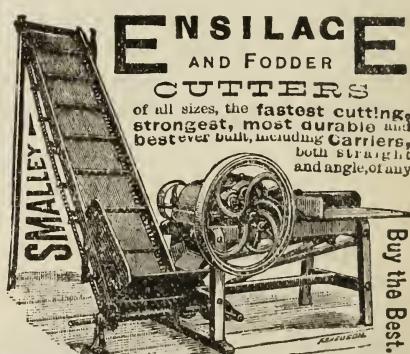
Always handle the butter with wooden hands; let your own hands come no nearer the butter than the handles of your paddles.

Make your butter attractive when you send it to market. Spend a dollar for parchment paper. Yes, a dollar in these hard times, for you will get it back again if you sell in open market on account of the clean and attractive appearance it gives the butter; and if you have private customers you will certainly get it back, says National Stockman.

California Fruit Grower suggests, if you use ice in your creamery and not running water, and have trouble on account of the water becoming foul, to try a handful of salt in the water.

Professor E. F. Ladd said, at the last meeting of the New York State Dairymen's association, that taking the results of the dairy conference of last year, he finds that in some cases less than thirteen pounds of milk were required to produce a pound of butter; at other conferences as high as thirty-two or thirty-three pounds were required.

H. P. Hopkins, of New York, avers that every time he churns unripe cream he loses. He says: "When cream is a trifle acid it is sufficiently ripened. I prefer a concussion churn to the friction churn. White specks in butter come from coagulation of the milk, which settles to the bottom of the cans. They should be washed out properly."



length required. For free pamphlet showing "Why Ensilage Pays," and for free descriptive and illustrated catalogue of the best Tread-powers, Lever-powers, Threshers, Clover-hoppers, Wood Saw-machines, Feed-mills and Farming-mills, send to the old and reliable Empire Agricultural Works, over 30 years under same management, MINARD HARDER, Proprietor, Cobleskill, N. Y.

The Correct Bee Space.

"There is undoubtedly a certain space which the bees are least inclined to fill with wax or propolis. What, according to your own experience, is the exact measurement of the correct bee space?" The foregoing query was recently asked and answered in *The American Bee Journal*.

Mrs. L. Harrison replied: Three-eighths of an inch: possibly a shade scant.

A. J. Cook answered: Scarce $\frac{1}{8}$ of an inch: about 5-16 of an inch.

G. M. Doolittle said: Five-sixteenths of an inch.

James Heddon replied: The same that Father Langstroth gave us over thirty years ago—scant $\frac{1}{8}$ of an inch, or, more exact, 5-16 of an inch above the frame; $\frac{1}{8}$ of an inch will do very well at the ends of the frames, and $\frac{1}{16}$ inch is all right at the bottom, below the frames.

J. E. Pond said: It is impossible to fix frames in practice so that they will space exactly throughout the whole hive. I use the ten frame Langstroth hive, 14 $\frac{1}{2}$ inches wide, spacing the frames so that a $\frac{1}{8}$ inch dummy will fit closely in one side of the hive. I use the dummy for convenience in working, and consider the spacing as above stated to be as nearly right as possible to get it.

The editor concluded with the statement that the exact measurement of the space required for bees, for easy passage, is 5-16 inch, but they will not fill a space with comb which is not more than $\frac{1}{16}$ inch in size.

Clucks.

There are several advantages in the keeping of large breeds of fowls. One is that they are more easily confined, and another is where you sell on the market they will bring more on account of their extra weight.

Examine the little chickens for lice. Dust pyrethrum over the hens.

Some consumers claim that eggs produced early in the season have a better flavor than those which hens lay after they run at large and live mainly on grass and insects.

The secret of success in the poultry yard is not in hatching but in feeding.

The cost of keeping ducks where the facilities are good is merely nominal, as a large portion of their daily fare is of the coarsest and cheapest kinds.

COOL MUSIC BOOKS!

No, not Cool, but filled with that Restful, Harmonious, Soothing Music, which helps one wonderfully to Endure Extremes of Weather, Hot or Cold.

INSTRUMENTAL.

Piano Classics, Vol. 1.	44 pieces	\$ 1
Piano Classics, Vol. 2.	31 pieces	\$ 1
Classical Pianist.	42 pieces	\$ 1
Popular Dance Music.	66 pieces	\$ 1
Sabbath Day Music.	38 pieces	\$ 1
Operatic Piano Collection.	19 operas	\$ 1
Young Players' Popular Collection.	51 pieces	\$ 1
Classic 4-Hand Collection.	19 duets	\$ 1
Old Familiar Dances.	100 pieces	50 cents

VOCAL.

On the whole the most popular collection of light, merry, company entertaining songs, is **COL-
LEGE SONGS**, 82 bright melodies 50 cents. Nearly 200,000 sold.

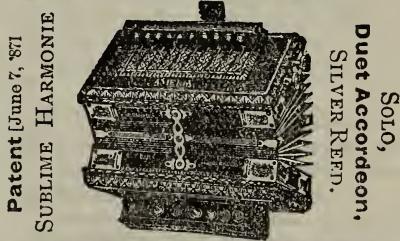
Popular Song Collection.	37 songs	\$ 1
Choice Sacred Solos.	34 Songs	\$ 1
Choice Sacred Solos. Low Voice.	40 s'gs.	\$ 1
Song Classics. Sep. or Ten. Vol. 1.	50 songs.	\$ 1
Song Classics. Sep. or Ten. Vol. 2.	39 s'gs.	\$ 1
Song Classics. Low Voice.	47 songs.	\$ 1
Classic Bar. and Bass Songs.	33 songs.	\$ 1
Classic Tenor Songs.	36 songs.	\$ 1
Classic Vocal Duets.	26 duets.	\$ 1
Good Old Songs We Used To Sing.	115 s'gs	\$ 1

Send on your \$, and receive book by return mail.

OLIVER DITSON COMPANY, Boston.

C. H. DITSON & Co., New York.

**JOHN F. STRATTON & SON,
43 & 45 Walker St. NEW YORK.**



Importers of and Wholesale Dealers in all kinds of
MUSICAL MERCHANDISE,
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ROOT DIGGER AND SCREW DRIVER.

How These Implements May Be Made at Small Expense.

Attention is called by Prairie Farmer to the two home made implements shown in the cut.

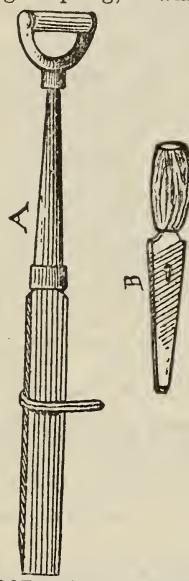
The root digger shown at A is made of a piece of broad wagon spring, to which is attached a handle and a foot rest. The blade is $2\frac{1}{2}$ or 3 inches wide and is sharpened at the lower end. At the upper end it is drawn to a point and inserted in a handle made by cutting off the handle of a worn out spade. A ferrule is placed around the lower end of the handle to prevent splitting. It is of great use in thinning raspberries, cutting off tap roots and taking up large weeds or other deep ROOT DIGGER—SCREW ROOTING PLANTS. DRIVERS.

The screw driver shown at B is made from an old file. It has a hole in the middle into which a piece of iron can be placed to aid in twisting. For lifting large rusty screws this is often very useful, as they must either come out or lose their heads.

Mending Harness Traces.

Harness traces are liable to wear out at the ends, where they pass through the metal hooks, while they are still sound in other parts. Any farmer can mend them more economically than by taking the work to a harness maker. Rip the trace apart for six inches back from the broken end, having first cut the end off to sound leather. Then the straps are shaved down to an edge at the ends, beginning an inch from the ends.

New straps fourteen inches long and as wide as the traces, having their ends similarly shaved down, are passed through the hooks and spliced with the ends of the brace. They are not put in together, but to alternate. The splice is then fastened together with



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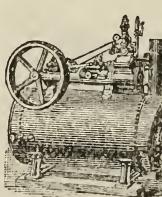
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copper rivets, a row along each edge and one down the middle, not opposite one another, but thus:

New straps may be had at small cost. The rivets hold better than sewing, as we have seen abundantly demonstrated. Oil the straps before they are spliced together. A rip in the trace may be checked by putting in a copper rivet at each end of the rip. Smaller rivets are convenient for mending halter straps.—American Agriculturist.

Likes and Dislikes of Bees.

There is no doubt but that the exhalations from some persons are offensive to bees and a cause of attack by them, when other persons might come equally near their hives without exciting their animosity in the least. For such persons to undertake to keep bees would be not only unpleasant but unprofitable. Their numbers, however, are not great, and quite as often the attacks of bees are caused by the fear many persons have of them, and by their striking at the bees and dodging them, when if they quietly came about the hives without making any quick or hostile motions they would be unmolested. It is said that nervous people and such as are addicted to the use of tobacco and liquor never make successful bee keepers. To some persons the venom of the bee is a serious poison. Such persons, of course, had better not keep bees. Generally speaking, frequent stings are the result of the nervous condition of the individual. Such a one by learning to control the nerves may become a successful bee keeper.

Seven Years' Experience with Ensilage.

Seven years' experience with ensilage at the Michigan Agricultural college leads to the following conclusions: The silo should be built of lumber and located as near the feeding place as possible, and on the same level. A silo 22 feet deep, 10 feet wide, 14 feet long will be sufficient for the six months' feeding of ten cows weighing 1,000 pounds each, which will consume 600 pounds of ensilage daily. For the silo the corn should not be harvested until well matured. A great deal of the feeding value has been lost in the past by cutting while too green and succulent. Silage corn should never

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be fed alone to obtain the best results, nor in too large proportion when combined with other fodder. Silage and clover hay combined make a most excellent mixture for coarse fodder. These, with bran, shorts, corn meal, etc., in proper proportions make the most economical food for young cattle and for making milk and beef.

Root Grafts and Whole Roots.

Professor Budd says on this most vexed question: "A duchess or any other absolutely hardy variety will make a good tree if grown from a cutting, and when grafted on a short piece of root it practically is a cutting, as the piece of root only starts it, and roots are thrown out always from the cion. Fully 90 per cent. of our 3-year-old apple, pear, cherry and plum trees are on their own roots if they have been grafted with a long cion on a short root and set deeply. Yet the crown graft is the best, and nurserymen could afford to make only one tree from one seedling. But the whole root idea is nonsense, as it would have to be set with a crowbar if put down deep enough to cause it to emit roots from the cion, as all our trees should do."

Poultry Pickings.

Fowls that are confined need plenty of green food.

In shipping young poultry at this time see that they are well watered and fed before cooping, and do not crowd too many into the coops.

Poultry associations promote the interests of breeders. Poultry shows promote the interests of the public.

The value of lime in the poultry yard cannot be overestimated.

A flock of ducks turned into the potato patch will often prove themselves valuable in destroying the bugs so destructive to potato vines.

The American Poultry association recognizes under "games" game bantams, Sumatra game and Malay breeds. Game and game bantams include black breasted, red, brown red, golden duckwing, silver duckwing, red pyle, white and black varieties.

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Points in Corn Culture.

Experiments made at the Ohio Agricultural station during past seasons throw considerable light upon, if they do not entirely settle, some points in the cultivation of corn about which farmers are not entirely agreed either in theory or practice. As cultivated at the station the following appears to have been pretty well established. As a class the large yellow dent varieties were the most productive. Large white dents take second place. In the flint varieties the large white flints take the lead, followed by mixed flints, and these by yellow flints. Taken as a whole or as individual varieties the flint corns are not a profitable class for Ohio lands unless it should be in some of the northern sections.

In seven years' experiments in deep shallow planting the average results show an advantage in favor of planting one inch rather than two inches deep. The greatest amount of marketable corn was produced where the stalks averaged twelve inches apart; the variations in yield were slight, whether planted one grain every twelve inches, two every twenty-four, three every thirty-six, or four every forty-eight inches. Three years' trial has not indicated any marked differences in the reproductive qualities of corn from the butts, middles or tips of the ears. Whenever any variation existed it was in favor of middles and tips and against the butts. The average results of two years' experiments favored deep cultivation rather than shallow, and indicated that corn should be cultivated more frequently in a dry season than in a wet or ordinary one.

When decanters and carafes become so discolored inside that shot or fine coals will not cleanse them, fill the bottle with finely chopped potato skins, cork tightly and let the bottle stand for three days, when the skins will ferment. Turn out and rinse. The bottle will be as bright and clean as when new.

Joseph Van Nostrand, aged 10 years, of Hoboken, N. J., carried a parcel for a man on board the steamship Werra several days ago. The vessel left the wharf before he was aware of it and he has been carried across the ocean. A cable message has been sent to have him returned.

GARDEN AND ORCHARD.

We call especial attention to this list of Nurserymen, Seedsmen, Florists, etc. They all issue good Catalogues and will cheerfully send you one free, if you write referring to the Maryland Farmer. We believe every one of them to be reliable.—*Editor Md. Farmer.*

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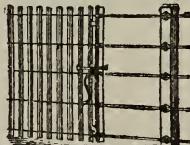
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Hitherto Patient Boarder: "Mrs. Starvem, I can stand having hash every day in the week; but when on Sunday you put raisins in it, and call it mince pie, I draw the line."

Pompous Party: "So you are the exchange editor, young man. Nautically speaking, you are a clipper?" Searnelie: "No. Inasmuch as I ply the scissors for a living, I am a revenue cutter."

Maud: "What do you call your beau for a pet name?" Alice: "I used to call him "Ducky," but now I think I'll call him "April Showers." "What for?" "Cause he brings me May flowers."

Swanter: "I had quite an exciting experience in Texas. Three train robbers boarded the car." Fangle: "Did you and the other passengers disperse them?" Swanter: "No: they dispersed us."

Incongruous Hopes.—Mr. Bascom: "Do you know what Silas Slick expects to be after he graduates from college?"

Mrs. Backlot: "Wal, I've heern that he has sanguinary hopes of bein' a missionary.

Here is a story about Barnum: The Rev. Mr. Cox, a pompous American preacher, who had a lofty opinion of himself, met the great showman one day in New York, and said: "Mr. Barnum, I am glad to see you. You and I have met before on the temperance platform, and I hope we shall meet in heaven." "We shall" replied Barnum—"if you're there!"

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